

August 17, 2020

VIA ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk
Rhode Island Public Utilities Commission
89 Jefferson Boulevard
Warwick, RI 02888

**RE: Docket 4995 – FY2021 Electric Infrastructure, Safety, and Reliability Plan
Quarterly Update – Fourth Quarter Ending June 30, 2020**

Dear Ms. Massaro:

On behalf of National Grid,¹ I have enclosed an electronic version of the Company's fiscal year (FY) 2021 Electric Infrastructure, Safety, and Reliability (ISR) Plan quarterly update for the fourth quarter ending June 30, 2020.² Pursuant to the provisions of the approved FY 2018 Electric ISR Plan, the Company committed to providing quarterly updates on the progress of its Electric ISR program to the Rhode Island Public Utilities Commission and the Rhode Island Division of Public Utilities and Carriers.

Thank you for your attention to this matter. If you have any questions, please contact me at 401-784-7288.

Very truly yours,



Jennifer Brooks Hutchinson

Enclosures

cc: Docket 4995 Service List
Christy Hetherington, Esq.
John Bell, Division
Greg Booth, Division

¹ The Narragansett Electric Company d/b/a National Grid (National Grid or the Company).

² Per practice during the COVID-19 Emergency period, the Company is providing a PDF version of the above-referenced transmittal. The Company will provide the Commission Clerk with a hard copy and, if needed, additional hard copies at a later date.

Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

Joanne M. Scanlon

August 17, 2020
Date

**Docket No. 4995 - National Grid's Electric ISR Plan FY 2021
Service List as of 1/29/2020**

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**Electric Infrastructure, Safety, and Reliability Plan
FY 2021 Quarterly Update
First Quarter Ending June 30, 2020**

EXECUTIVE SUMMARY

As shown in Attachment A during the first quarter of the Fiscal Year 2021 (FY 2021), the Company¹ spent \$14.6 million for capital investment projects against a FY 2021 budget of \$23.2 million. Spending during the first quarter of FY 2021 was under-budget by \$8.6 million. FY 2021 Non-Discretionary spending was \$7.5 million under the budget of \$8.6 million. FY 2021 Discretionary spending, including the Southeast Substation project, was \$1.1 million under the budget of \$14.6 million. Spending in each of these categories is addressed in more detail below. The Company forecasts spending of \$98.3 million for capital investment projects in FY 2021, \$5.4 million under the budget of \$103.8 million.

¹ The Narragansett Electric Company d/b/a National Grid (National Grid or the Company).

I. FY 2021 Capital Spending by Key Driver Category

1. Non-Discretionary Spending

a. Customer Request/Public Requirement

For the first quarter of FY 2021, capital spending in the Customer Request/Public Requirement category was \$(3.4) million, which was under budget by \$9.3 million. The major drivers of the variance are

- In June, billings associated with a joint-owned pole agreement were recorded resulting in additional credits applied to the New Business-Residential project.
- New Business Commercial and Public Requirements projects spending was \$2.4 million, essentially on budget.
- Construction advances related to Distributed Generation projects exceeded spending resulting in a budget variance of \$(5.4) million. FY 2021 forecasted spending related to Distributed Generation projects is anticipated to be on budget at \$1.0 million.
- No spending has taken place for advanced capacitor/regulator controls and feeder monitor sensors under the Strategic DER Advancement project. It is budgeted for \$2.0 million and spending is forecasted at \$1.6 million.

At this time, the Company forecasts FY 2021 spending in the category will be \$3.6 million under budget.

b. Damage/Failure

For the first quarter of FY 2021 capital spending in the Damage/Failure category was \$4.6 million, which was \$1.8 million over the budget of \$2.8 million. This variance is primarily driven by actual spending on major storms of \$1.5 million, \$1.1 million over the budget of \$0.4 million.

The Company forecasts that the Major Storms project will continue to be overspent through the end of the fiscal year. Related to the Damage/Failure projects, the Company anticipates that that actual spending will be close to budget at the end of the fiscal year.

2. Discretionary Spending

a. Asset Condition (without Southeast Substation)

For the first quarter of FY 2021 capital spending in the Asset Condition category (excluding the Southeast Substation project) was \$7.3 million, which was \$0.2 million under the budget of \$7.5 million. The major drivers of this variance are

- Capital spending on Dyer Street substation was \$1.6 million under the FY 2021 budget of \$1.7 million. The Company has paused work on this project so that options can be reassessed as current cost estimates are higher than previous estimates.
- Capital spending on the Providence Area Study projects was \$0.5 million under the FY 2021 budget of \$0.8 million primarily due to project delays.
- Capital spending on the Franklin Square Breaker Replacement project was under budget by \$0.6 million due to project delays.
- Capital spending on URD and Underground Cable Replacement programs was \$3.0 million, \$1.1 million over the budget of \$1.9 million. It is anticipated that spending on these programs will be essentially on budget at the end of the year.

At this time, the Company forecasts that spending in this category will be \$2.8 million under budget at the end of the year primarily due to the delays in the Dyer Street project.

b. Non-Infrastructure

For the first quarter of FY 2021, capital spending for the Non-Infrastructure category was \$0.8 million, which was \$0.7 million over the budget of \$0.1 million. This variance is attributed to the application of capital overheads. At this time, the Company forecasts that spending in this category will be in line with the FY 2021 budget of \$0.6 million.

c. System Capacity and Performance

For the first quarter of FY 2021, capital spending for the System Capacity and Performance category was \$3.4 million, which was \$1.3 million under the budget of \$4.7 million. The major driver of this variance was spending on the Aquidneck Island project which was \$1.5 million, \$1.6 million under the budget of \$3.1 million.

At this time, the Company forecasts that System Capacity and Performance capital spending will be \$2.0 million under budget at the end of the year due to the following projects:

- Aquidneck Island capital spending is forecasted to be \$2.8 million under the budget of \$13.5 million.
- New Lafayette substation project is forecasted to be \$1.6 million over the budget of \$0.4 million as a result of advancing civil work to enable efficiencies by coordinating with a DG project taking place on the same site.
- East Providence substation project spending is forecasted to be \$1.3 million under the budget of \$1.6 million due to project delays.
- The Company forecasts on budget spending of the Strategic DER Advancement CAPEX reclassified to Non-Discretionary spending. This includes the advanced capacitors/regulator controls and feeder monitor sensors.

d. Southeast Substation Projects

For the first quarter of FY 2021, capital spending on the Southeast Substation project was \$2.1 million, \$0.2 million under the budget of \$2.3 million. It is anticipated that the FY 2021 spending will be \$1.9 million over the budget of \$10.1 million consistent with the underspending in FY 2020 due to project delays. See [Attachment G](#) for additional details.

e. Large Project Variances

The Company provides explanations for large projects² with variances that exceed +/- 10% of the annual fiscal year budget in quarterly reports. These projects represented \$38.0 million of the total FY 2021 budget of \$103.8 million. This project information is provided in Attachment E.

f. New Distribution System Technology Update

The Company includes an explanation of all new technologies that National Grid is exploring to assist in distribution planning, particularly related to the integration of distributed energy resources or providing additional visibility on the distribution grid. Currently, these include the following:

- The Company utilizes CYME advanced power engineering software to perform distribution system analysis. The software's Hosting Capacity module was used to develop the Rhode Island Hosting Capacity Map which was delivered via the System Data Portal on September 28, 2018.

² Large projects are defined as exceeding \$1.0 million in total project cost.

- The Company has implemented advanced protection function and logic in Point of Common Coupling (PCC) Reclosers which will help reduce the witness testing required at customer DG sites. Also, the advanced sensing and logic functions will allow automatic reconnect to the utility for utility side interruptions which will minimize outage and nuisance tripping.
- The Company has implemented Python Scripting training to assist in refining CYME models. The training focused on creation scripts intended to automate tasks formally done by hand and create accurate base models in a more efficient manner. The training can also be used for data maintenance and review.

3. Investment Placed-in-Service

During the first quarter of FY 2021, \$22.1 million of plant additions were placed in service which is 20% of the FY 2021 year-end target of \$110.5 million. Details by spending rationale are included in Attachment B.

As shown on Attachment B, during the first quarter of FY 2021, Non-Discretionary plant additions placed in service totaled \$9.3 million, which is 26% of the annual forecast of \$35.4 million. The Discretionary plant additions placed in service totaled \$12.8 million, which is 19% of the annual forecast of \$65.5 million.

4. Vegetation Management (VM)

During the first quarter of FY 2021 the Company completed 367 miles or 30% of its annual distribution mileage cycle pruning goal of 1,215 miles. VM O&M spending was \$2.4 million. The Company expects to complete 100% of the FY 2021 work plan within its budget of \$10.6 million.

Attachment C provides the spending for the first quarter of FY 2021 and an update of the gypsy moth and other pest-related damage tracked by the Company.

5. Inspection and Maintenance (I&M)

During the first quarter of FY 2021, the Company completed 31% of its annual structure inspection goal of 48,631 with an associated spend of \$0.1 million. This spending includes mobile elevated voltage testing and repairs, which the PUC approved in Docket No. 4237.

The Company began performing inspections on its overhead distribution system in FY 2011 and began performing the repairs based on those inspections in FY 2012. Deficiencies found are categorized as Level I, II, or III. Level I deficiencies are repaired

immediately or within one week of the inspection. During the first quarter of FY 2021, no Level I deficiencies were found. Through the first quarter of FY 2021, the Company has completed repairs for 33% of the total deficiencies found. This information is summarized in the table below.

Summary of Deficiencies and Repair Activities RI Distribution				
Year Inspection Performed	Priority Level/Repair Expected	Deficiencies Found (Total)	Repaired as of 6/30/20	Not Repaired as of 6/30/20
FY 2011	I	18	18	0
	II	13,146	13,128	18
	III	28	28	0
FY 2012	I	17	17	0
	II	15,847	15,455	392
	III	626	567	59
FY 2013	I	15	15	0
	II	26,149	16,471	9,678
	III	8,862	4,617	4,245
FY 2014	I	11	11	0
	II	22,418	4,367	18,051
	III	8,623	3,014	5,609
FY 2015	I	5	5	0
	II	21,136	1	21,135
	III	4,383	0	4,383
FY 2016	I	2	2	0
	II	11,018	558	10,460
	III	6,441	59	6,382
FY 2017	I	2	2	0
	II	8,300	0	8,300
	III	7,539	0	7,539
FY 2018	I	11	11	0
	II	8,740	0	8,740
	III	7,208	0	7,208
FY 2019	I	28	28	0
	II	3,699	0	3,699
	III	2,464	0	2,464
FY 2020	I	19	19	0
	II	67	1	66
	III	31	0	31
FY 2021	I	0	0	0
	II	3	0	3
	III	15	0	15
Total Since Program Inception	I, II, III	176,871	58,394	118,477

During the first quarter of FY 2021, the Company’s manual elevated voltage testing has not indicated any instances of elevated voltage.

Manual Elevated Voltage Testing				
Manual Elevated Voltage Testing	Total System Units Requiring Testing	FY 2021 Units Completed thru 6/30/20	Units with Voltage Found (>1.0v)	Percent of Units Tested with Voltage (>1.0v)
Distribution Facilities	268,651	15,504	0	0%
Underground Facilities	12,438	0	0	0%
Street Lights	4,929	0	0	0%

FY 2021 I&M program costs and other O&M spending are shown in Attachment D.

Attachment A

US Electricity Distribution - Rhode Island Capital Spending by Spending Rationale FY 2021 through June 30, 2020 (\$000)

	FYTD			FY 2021		
	Budget	Actual	Variance Over Spend / (Under Spend)	Budget	Forecast	Variance Over Spend / (Under Spend)
Customer Request/Public Requirement	\$5,890	(\$3,407)	(\$9,297)	\$26,540	\$22,895	(\$3,645)
Damage Failure	\$2,756	\$4,565	\$1,809	\$12,365	\$13,662	\$1,297
<i>Subtotal Non-Discretionary</i>	\$8,646	\$1,157	(\$7,489)	\$38,905	\$36,557	(\$2,348)
Asset Condition	\$7,459	\$7,249	(\$210)	\$30,665	\$28,228	(\$2,437)
Non-Infrastructure	\$144	\$796	\$652	\$580	\$487	(\$93)
System Capacity & Performance	\$4,688	\$3,385	(\$1,303)	\$23,520	\$21,078	(\$2,442)
<i>Subtotal Discretionary (excl. SE Sub)</i>	\$12,291	\$11,430	(\$861)	\$54,765	\$49,793	(\$4,972)
Southeast Substation Project	\$2,262	\$2,047	(\$215)	\$10,080	\$11,964	\$1,884
<i>Subtotal Discretionary</i>	\$14,553	\$13,477	(\$1,076)	\$64,845	\$61,758	(\$3,087)
Total Capital Investment in System	\$23,199	\$14,634	(\$8,565)	\$103,750	\$98,315	(\$5,435)

Attachment B

US Electricity Distribution - Rhode Island Plant Additions by Spending Rationale FY 2021 through June 30, 2020 (\$000)

	FY Target	FYTD Actual	FY Forecast	% of Target Placed in Service	% of Forecast Placed in Service
Customer Request/Public Requirement	\$21,210	\$4,128	\$18,610	19%	22%
Damage Failure	\$12,335	\$5,207	\$16,812	42%	31%
<i>Subtotal Non-Discretionary</i>	\$33,545	\$9,335	\$35,421	28%	26%
Asset Condition (w/Southeast Substation)	\$38,948	\$11,040	\$31,788	28%	35%
Non- Infrastructure	\$566	\$9	\$415	2%	2%
System Capacity & Performance	\$37,435	\$1,714	\$33,256	5%	5%
<i>Subtotal Discretionary</i>	\$76,949	\$12,763	\$65,459	17%	19%
Total Plant Additions	\$110,494	\$22,098	\$100,880	20%	22%

Attachment C

**US Electricity Distribution - Rhode Island
Vegetation Management O&M Spending
FY 2021 through June 30, 2020
(\$000)**

	Budget	Actual	FY 2021 Year-End Forecast	% Spend
Cycle Pruning (Base)	\$6,100	\$1,371	\$6,100	22%
Hazard Tree	\$1,750	\$333	\$1,750	19%
Sub-T (on & off road)	\$550	\$52	\$550	9%
Police/Flagman Details	\$775	\$118	\$775	15%
Core Crew (all other activities)	\$1,425	\$481	\$1,425	34%
Total VM O&M Spending	\$10,600	\$2,355	\$10,600	22%

	FY Goal	FYTD Completed	FY YTD % Complete	Overall % Complete
Distribution Mileage Pruning	1,215	367	121%	30%

Gypsy Moth Update

District	Circuit	Location	Removals
Coastal	49_56_54F1	Coventry	65
Coastal	49_56_63F6	Hopkins Hill	26
Capital	49_53_127W40	Nasonville	31
Capital	49_53_26W5	Woonsocket	3
Capital	49_53_26W3	Woonsocket	2
Totals			127

FY 2021 Q1 Gypsy Moth Update	
FY 2021 Total Gypsy Moth Spend	\$181,000
Gypsy Moth Removals	127
Cost/Tree	\$1,425

Attachment D
US Electricity Distribution - Rhode Island
Inspection and Maintenance Program and Other O&M Spending
FY 2021 through June 30, 2020
(\$000)

	Budget	Actual	FY 2021 Year-End Forecast	% Spend
Opex Related to Capex	\$435	\$111	\$435	26%
Inspections & Repair Related Costs	\$600	\$125	\$600	21%
System Planning & Protection Coordination Study	\$25	\$11	\$25	44%
VVO/CRV Program	\$432	\$3	\$461	1%
Total I&M Program and Other O&M Spending	\$1,492	\$250	\$1,521	17%

	FY 2019 Annual ISR Budget	FYTD Actual	FY 2019 Year-End Forecast	FYTD % Spend
Opex Related to Capex	\$255	\$40	\$255	16%
Repair & Inspections Related Costs	\$612	\$172	\$612	28%
System Planning & Protection Coordination Study	\$25		\$25	0%
VVO/CRV Program	\$244		\$244	0%
Total I&M O&M Spending	\$1,136		\$1,136	0%

* () denotes an underspend for the period

	Goal	Completed	FYTD Complete	% Complete
RI Distribution Overhead Structures Inspected	48,631	15,217	15,217	31%

Attachment E

**US Electricity Distribution - Rhode Island
Project Variance Report
FY 2021 through June 30, 2020
(\$000)**

FY 2021 Q1

Attachment E

Project Description	Project Funding Number(s)	FYTD 2021			FY 2021			Variance Cause
		Budget	Actual	Overspend / (Underspend)	Budget	Forecast	Overspend / (Underspend)	
Aquidneck Island Projects	CD00649, C024159, C015158, C028628, C054054, CD00656	\$3,130	\$1,517	(\$1,613)	\$13,485	\$10,698	(\$2,787)	Work shifting to FY22 and expecting lower project costs.
East Providence Substation	C046726 and C046727	\$387	\$152	(\$235)	\$1,550	\$252	(\$1,298)	Project delays.
New Lafayette Substation	C081675 and C081683	\$25	\$21	(\$4)	\$390	\$2,026	\$1,636	Advancing civil work to enable efficiencies by coordinating with a DG project taking place on the same site
Dyer Street Indoor Sub	C051205, C051211	\$1,671	\$114	(\$1,557)	\$7,160	\$2,889	(\$4,271)	Project paused as options are assessed
Providence Study	C078734, C078796, C078796, C078797, C078800, C078802-6, C078857	\$859	\$348	(\$511)	\$4,240	\$3,651	(\$589)	Project delays
FRANKLIN SQ BREAKER REPLACEMENT	C081006	\$593	\$3	(\$590)	\$1,135	\$1,163	\$28	Anticipating work will begin in Q2
SouthEast Substation (D-Line and D-Sub)	C053657, C053658, C080898	\$2,262	\$2,047	(\$215)	\$10,080	\$11,964	\$1,884	FY 2021 overspending is consistent with the underspending in FY 2020 due to project delays
		\$8,927	\$4,203	(\$4,724)	\$38,040	\$32,642	(\$5,398)	

Attachment F

US Electricity Distribution - Rhode Island Damage/Failure Detail by Work Type FY 2021 through June 30, 2020 (\$000)

	Project Type					Grand Total
	D-Line Blanket	D-Line Property Damage	D-Line Storm	D-Sub Blanket	D-Sub & D-Line Specific	
AFUDC	\$16	\$0	\$14	\$1	\$1	\$32
Default Accounting	\$552	\$51	\$77	\$8	(\$16)	\$672
Engineering/Design/Supervision	\$211	\$25	\$110	\$0	\$2	\$348
Outdoor Lighting - Cable/Wire	\$3	\$0	\$0	\$0	\$0	\$3
Outdoor Lighting - Framing	\$17	\$1	\$1	\$0	\$0	\$19
Outdoor Lighting - Poles/Foundation	\$2	(\$1)	\$0	\$0	\$0	\$1
Overhead Bonding/Grounding	\$4	\$1	\$1	\$0	\$0	\$7
Overhead Services	\$75	(\$8)	\$45	\$0	\$0	\$112
Overhead Switches/Reclosers/Fuses	\$305	\$21	\$84	\$0	\$0	\$410
Overhead Transformers/Capacitors/Regulators/Meters	\$113	\$7	\$34	\$0	\$0	\$154
Overhead Wire & Conductor	\$134	\$4	\$84	\$0	\$0	\$223
Pole Framing	\$82	(\$5)	\$39	\$0	(\$0)	\$116
Poles/Anchors/Guying	\$442	\$131	\$929	\$0	\$0	\$1,503
Substation Equipment Installations	\$0	\$0	\$0	(\$7)	\$7	\$0
Substations Civil/Structural	\$0	\$0	\$0	\$0	\$0	\$0
Switching and Restoration	(\$4)	\$8	\$17	\$0	\$0	\$21
Traffic Control	\$61	\$0	\$41	\$0	\$0	\$103
Underground Cable	\$243	\$83	(\$0)	\$0	\$0	\$325
Underground Cable Splicing	\$5	\$0	\$0	\$0	\$0	\$5
Underground Civil Infrastructure	\$97	\$163	\$7	\$0	(\$8)	\$258
Underground Direct-Buried Cable	\$103	\$0	\$0	\$0	\$0	\$103
Underground Services	\$3	\$1	\$1	\$0	\$0	\$5
Underground Switches/Reclosers/Fuses	\$21	\$0	\$0	\$0	\$0	\$21
Underground Transformers/Capacitors/Regulators/Meters	\$92	(\$9)	\$20	\$0	\$0	\$104
Grand Total	\$2,577	\$474	\$1,504	\$3	(\$15)	\$4,544

Attachment G

US Electricity Distribution - Rhode Island New Southeast Substation Budget and Project Management Report FY 2021 through June 30, 2020



- Background & Drivers
- Scope
- Cost & Major Milestones
- Support Documentation
- Other



New Southeast Substation Project Background & Drivers



- Pawtucket No. 1 substation supplies load in the City of Pawtucket, Rhode Island. It consists of an indoor substation located in a four story brick building constructed in 1907 and an outdoor substation on the yard. It supplies approximately 36,000 customers with a peak electrical demand of 114MW. There are a number of concerns in this area:
 - The equipment in the indoor substation is 40 to 94 years old, obsolete, and no longer supported by any vendor. Parts have to be custom made or salvaged from facilities removed from service.
 - The building has structural issues that cause concern for the continued safe and reliable operation of the substation.
 - There is un-served load for loss of either the 73 transformer or the 74 transformer that exceeds the distribution planning criteria.
 - The loading on a number of feeders is projected to exceed summer normal ratings along with the loading on bus section 73

New Southeast Substation Project Scope



- Construct a new eight feeder 115/13.8kV metal clad station (Dunnell Park #1201) with two transformers and breaker and a half design on a site adjacent to the transmission line right of way on York Avenue in the City of Pawtucket.
- Supply the new station from the existing 115kV lines crossing the site, X-3 and T-7.
- Rearrange the 13.8kV distribution system so that the new station supplies most of the load east of the Seekonk River.
- Install a new control house at the Pawtucket No 1 station site to house the control equipment for the 115 kV station presently located in the four story brick building and upgrade the 115kV Line Protections (P-11,X-3,T-7).
- Upgrade in Valley station the 115kV Line Protections for P-11.
- Remove the indoor substation and all electrical equipment from the four story brick building and demolish the building.

New Southeast Substation Project Cost & Major Milestones

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Project Cost

- Total Project Cost of \$38.182M (+/- 10%) DOA: \$38.182M
- Transmission Project Cost of \$12.742M (+/-10%)
- Distribution Project Cost of \$25.440M (+/-10%)

New Southeast Substation Project Cost & Major Milestones

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- The variance between the initial potential project investment of \$23.000M and this sanction of \$38.182M was caused by:
 - Addition of new 115kV equipment on Pawtucket No. 1 and on the new substation (Dunnell Park #1201) as result of the review of protection requirements for the project. The updated scope includes the installation of 115kV CCVT's, Line Traps, Line Tuners and related relaying and civil & structural work on X-3 and T-7 transmission line terminals on both substations (\$4.485M).
 - Additional civil and environmental scope of work on Pawtucket No. 1 based on the final location of the new control house inside the 100 year floodplain and the alignment with Tidewater Environmental Project requirements (\$4.865M).
 - Underestimation on the scope and level of effort on the distribution line work for the new feeders and distribution circuits rearrangement on the City of Pawtucket (\$4.517M).
 - Increase on equipment market value and other miscellaneous additional costs (\$1.315M).

New Southeast Substation Project Major Milestones



Project Major Milestones

Project Sanction	July 2019
Engineering Design Complete (EDC)	December 2019
Construction Start	January 2020
Dunnell Park Sub Ready for Load (RFL)	April 2021
Pawtucket 1 & Valley Sub Ready for Load (RLF)	November 2021
Construction Complete (CC)	January 2022
Demolish Pawtucket 1 Station Building	March 2022
Project Closeout	December 2022



PAWTUCKET NO. 1 STATION

New Southeast Substation Project Support Documentation



New Southeast Station (Dunnell Park) – Location



Attachment H

US Electricity Distribution - Rhode Island Meter Purchases FY 2021 through June 30, 2020

Quantity of Meters Purchased		
Type	Description	Quantity
METER	KV2C - 45S	0
METER	KV2C - 9S	0
METER	KV2C - 2S	0
SWITCHES	"B" & "X" SWITCHES	0
METER	CENTRON - 2S ERT CL200	3,600
METER	CENTRON - 12S ERT CL200	0
METER	CENTRON - C1SR, CL320 240V	0
METER	FOCUS - 2S AMR 240V CL320	0
METER	FOCUS - 2S ERT CL200	0
METER	FORM 12S, 120V	0
METER	2S AMR 240V	0
INSTRUMENT TRANSFORMER	CUR OUTDOOR 75/5 15KV	0
INSTRUMENT TRANSFORMER	CUR OUTDOOR 50/5 15KV	0
INSTRUMENT TRANSFORMER	CUR OUTDOOR 15/5 15KV	9
INSTRUMENT TRANSFORMER	CUR OUTDOOR 25/5 15KV	0
INSTRUMENT TRANSFORMER	CUR OUTDOOR 70/1 8.4KV	0
INSTRUMENT TRANSFORMER	CUR OUTDOOR 5/5 15KV	0
INSTRUMENT TRANSFORMER	CUR OUTDOOR 60/1 7.2KV	4
INSTRUMENT TRANSFORMER	CUR OUTDOOR 15KV	0
INSTRUMENT TRANSFORMER	CUR OUTDOOR 15KV	0
INSTRUMENT TRANSFORMER	CT 100:5	60
INSTRUMENT TRANSFORMER	200:5 BASE BUSHINGS	0
INSTRUMENT TRANSFORMER	400:5 BASE BUSHINGS	0
INSTRUMENT TRANSFORMER	600:5 BASE BUSHINGS	30
INSTRUMENT TRANSFORMER	800:5 BASE BUSHINGS	0
INSTRUMENT TRANSFORMER	2000:5 BASE BUSHINGS	0
INSTRUMENT TRANSFORMER	400:5 CAP	0
INSTRUMENT TRANSFORMER	240:120 VT	0
INSTRUMENT TRANSFORMER	600:120 VT	0
INSTRUMENT TRANSFORMER	2000:5 CAP	0
INSTRUMENT TRANSFORMER	1200:5 CAP	0
INSTRUMENT TRANSFORMER	1500:5 CAP	0
INSTRUMENT TRANSFORMER	1500:5 CAP	0
INSTRUMENT TRANSFORMER	ASTRA DB 2.5 300:120	0
	TOTAL	3,703